

POOL PROTECTOR

One-component coating with a satin finish for painting swimming pools and concrete tanks.

One-component coating with high UV resistance and a satin finish, suitable for protecting and coating swimming pools. *Pool Protector* has high performance, is flexible and has high abrasion and chlorinated water resistance. Product of acrylic nature, achieves a smooth finish, continuous and without joints. Available in coloured or transparent.

BENEFIT

- Good flexibility.
- Easy maintenance and cleaning.
- Gives shine to the coated surface.
- Quick and easy to apply.
- Good coverage.
- Colour stability and resistance to UV rays.
- High abrasion resistance.
- Resistant to chemical agents present in swimming pools.
- Suitable for chlorine and salt-disinfected pools.

YIELD

0,3 – 0,4 L/m² (101.54 – 136.24 ft²/gal) in 3 coats according to the roughness of the support.
It is necessary to respect the expected yield, irrespective of the number of coats, to ensure a thickness able to guarantee the durability of the finish itself.

COLOUR

Available in transparent, white, light-blue and sand.

PACKAGING

Plastic bucket of 10 L (2.6 gal).

APPLICATION FIELDS

The product is suitable for the coating of swimming pools as it has excellent resistance to chlorinated water and to abrasion. It is used in combination with waterproofing *WATstop* (see technical data sheet).
The transparent version of *Pool Protector* is designed for the coating and the protection of the cork based finish *Decork/Decorkrete* (see technical data sheets).

STORAGE

Store the product in its original containers tightly closed, in well ventilated rooms and away from sunlight, heat, water, humidity, ice, and at temperature between +5°C (+41°F) and +30°C (+86°F). Storage time: 12 months.

PREPARATION OF THE SUPPORT

The support must be completely hardened, dry and resistant and perfectly levelled. The surface must be thoroughly clean, well consolidated, without debris or detaching parts.

In the corner, it should be created curvatures (“shell”) with an adequate cement mortar.

In case of dips, cracks, fissures or joints of more than 3 mm (0.12 in), regulate the surface with an adequate cement mortar. Fissures and joints of lower than 3 mm (0.12 in) cannot be levelled with *WATstop* (see technical data sheet).

The support must be totally dry, have a temperature between +10°C (50°F) and +30°C (86°F) and a relative humidity level of 75%. The potential presence of water or residual moisture will make extremely difficult the laying of floor, it compromises the aesthetic effect as well as the adhesion, and it will make a worse performance.

Before the application, it is recommended to protect all those elements that should not be treated with *Pool Protector*.

System: *WATstop* + *Pool Protector* (coloured)

Wait for the complete drying of the waterproofing product *WATstop* (see technical data sheet), then proceed with the application of the *Pool Protector* within 24 / 48 hours.



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System: Decork/Decorkrete + transparent Pool Protector

Wait for the complete drying of the cork-based finish *Decork/Decorkrete* (see technical data sheet) and proceed with the application of the *Pool Protector*. To obtain a smoother surface it is possible to sand the surface and clean it thoroughly before the application of the *Pool Protector*.

MIXING

Add 5%-10% of water only on the first coat and mix the product with professional mixer drill at low speed until obtaining a homogeneous mixture, without lumps. A low speed avoids the incorporation of less air. After the first coat, do not dilute the following ones.

In the colored version carry on mixing until the color is uniform. Do not add any other elements to the mixture

APPLICATION

1. Once *WATstop* (see technical data sheet) or *Decork/Decorkrete* (see technical data sheet) is completely dry, apply a first coat of *Pool Protector* with short-haired roller for professional coatings, brush or airless.
2. Terminata l'asciugatura del primo strato (23°C / 73,4°F and 40% of relative humidity), apply the other layers. It is recommended to apply the next coat after 24 hours and no later than 7 days after the application of the previous layer.
3. Proceed with the application of the product until reaching the expected yield.

To create walkable surfaces in combination with Diasen waterproofing systems, simply apply *Floorgum Paint* directly without primer.

DRYING TIME

At a temperature of +23°C (+73,4°F) and relative humidity of 50% the product dries completely in 24 hours.

- Drying times can significantly change according to the environmental conditions; higher temperature and environmental humidity involve a lesser drying time.
- Adequately protect the product from rain for at least two days.
- Wait at least 21 days before filling the tank (at +23°C/ +68°F and 40% of relative humidity).

SUGGESTIONS

- Do not apply at environmental or support temperatures lower than +10 °C (+50 °F) and higher than +35 °C (+95 °F).
- During summer season apply the product in the cooler hours of the day..
- Do not apply with imminent threat of rain or ice, in conditions of strong fog or relative humidity higher than 75%.
- For coating swimming pools, a seasonal check is required (in case of containment tanks, annually) to assess the need for maintenance (re-application). The intervention may be necessary due to particular water disinfection systems or cleaning with abrasive machines (robots, brushes, etc.).

CLEANING

The equipment used should be cleaned soon with water.

SAFETY

While handling the product always wear personal protective equipment and follow indications on the product safety data sheet.

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Whereas all indications and recommendations supplied herein are stated to the best of our experience and knowledge, they should be considered as indicative only and should be confirmed by exhaustive practical applications. Diasen doesn't know the peculiarity of the processing, or the characteristics of the support. Therefore the applicator should carry out preliminary tests, to verify the suitability to the foreseen application, and in any case he will take the responsibility of the intended use. In case of uncertainties or doubts, please contact the company's technical department, provided that this is only a simple assistance for the applicator: he should have the appropriate capabilities and experience to determine the more suitable solution. Always respect the latest update of the technical sheet available on www.diasen.com.

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* The above data, even if carried out according to standard test methods, are indicative and may undergo changes as the specific site conditions vary.

Technical data *		
Features		Units
Yield	0,3 – 0,4 in three coats	L/m ²
	101.54 – 136.24 in three coats	ft ² /gal
Aspect	liquid	-
Colour	Transparent, white, light-blue and sand	-
Dilution	5-10 % first coat 0 % further coats	-
Waiting time between 1 st and 2 nd coat (T = +23°C/ + 73.4°F; R.H. 50%)	24h – 7 days max	hours
Waiting time before water contact	21	days
Application temperature	+10 / +30	°C
	+ 50 / +86	°F
Maximum level of humidity	75%	-
Drying time (T = +23°C/ + 73.4°F; R.H. 50%)	24	hours
Storage	12	months
Packaging	10	L



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